

**DECLARATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

and for which a patent application:

☐ is attached hereto and includes amendment(s) filed on (if applicable)

☒ was filed in the United States on June 24, 1999 as Application No. 09/338,942

with amendment(s) filed on (if applicable)

☐ was filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), William S. Galliani (Reg. No. 33885), Gary S. Williams (Reg. No. 31066), Mark A. Farley (Reg. No. 33170) and Ann L. Gisolfi (Reg. No. 31956), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

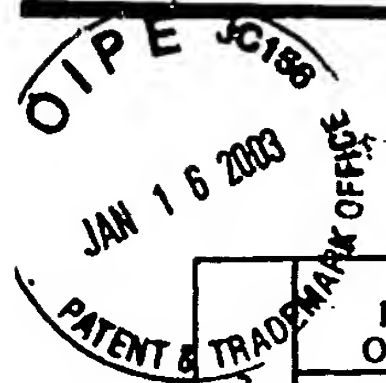


PENNIE & EDMONDS LLP DOCKET NO. 9175-010

SEND CORRESPONDENCE TO:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, N.Y. 10036-2711DIRECT TELEPHONE CALLS TO:
PENNIE & EDMONDS LLP DOCKETING
(212) 790-9090

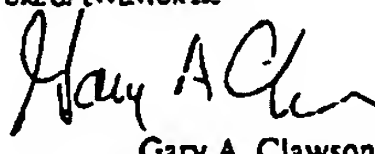
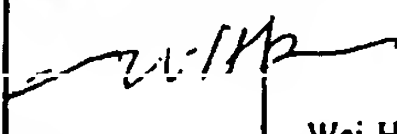
201	FULL NAME OF INVENTOR	LAST NAME Norris	FIRST NAME James	MIDDLE NAME S.
	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 1010 Casseque Province	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina
202	FULL NAME OF INVENTOR	LAST NAME Clawson	FIRST NAME Gary	MIDDLE NAME A.
	RESIDENCE & CITIZENSHIP	CITY Bethesda	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 5709 Rockmore Drive	CITY Bethesda	STATE OR COUNTRY Maryland
203	FULL NAME OF INVENTOR	LAST NAME Schmidt	FIRST NAME Michael	MIDDLE NAME G.
	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 1257 Wynnwood Court	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina
204	FULL NAME OF INVENTOR	LAST NAME Hoel	FIRST NAME Brian	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 36 S. Battery	CITY Charleston	STATE OR COUNTRY South Carolina
205	FULL NAME OF INVENTOR	LAST NAME Pan	FIRST NAME Wei-Hua	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Hummelstown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP China
	POST OFFICE ADDRESS	STREET 907 Butler Court	CITY Hummelstown	STATE OR COUNTRY Pennsylvania
206	FULL NAME OF INVENTOR	LAST NAME Dolan	FIRST NAME Joseph	MIDDLE NAME W.
	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 1821 Falling Circle	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina
207	FULL NAME OF INVENTOR	LAST NAME Schofield	FIRST NAME David	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP United Kingdom
	POST OFFICE ADDRESS	STREET 803K Runaway Bay Drive	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina
208	FULL NAME OF INVENTOR	LAST NAME Westwater	FIRST NAME Caroline	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 803K Runaway Bay Drive	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina

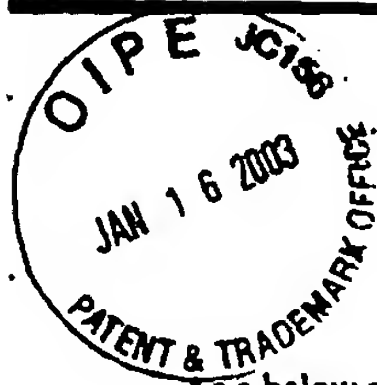


PENNIE & MONDS LLP DOCKET NO. 9175-010

2 0 9	FULL NAME OF INVENTOR	LAST NAME Huang	FIRST NAME Cancan	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET 1515 Ashley River Road, F49	CITY Charleston	STATE OR COUNTRY South Carolina	ZIP CODE 29407

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 James S. Norris	SIGNATURE OF INVENTOR 202  Gary A. Clawson	SIGNATURE OF INVENTOR 203 Caroline Westwater
DATE	DATE January 3, 2000	DATE
SIGNATURE OF INVENTOR 204 Michael G. Schmidt	SIGNATURE OF INVENTOR 205 Brian Hoel	SIGNATURE OF INVENTOR 206  Wei-Hua Pan
DATE	DATE	DATE January 3, 2000
SIGNATURE OF INVENTOR 207 Joseph W. Dolan	SIGNATURE OF INVENTOR 208 David Schofield	SIGNATURE OF INVENTOR 209 Cancan Huang
DATE	DATE	DATE



PENNIE & EDMONDS LLP DOCKET NO. 9175-010

**DECLARATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

and for which a patent application:

☐ is attached hereto and includes amendment(s) filed on (if applicable)☒ was filed in the United States on June 24, 1999 as Application No. 09/338,942

with amendment(s) filed on (if applicable)

☐ was filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

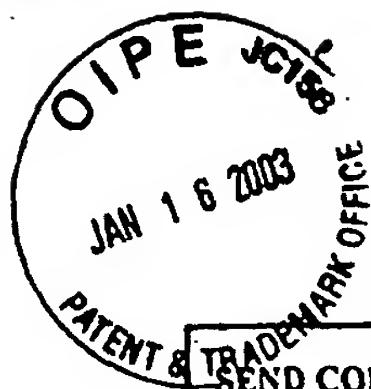
I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), William S. Galliani (Reg. No. 33885), Gary S. Williams (Reg. No. 31066), Mark A. Farley (Reg. No. 33170) and Ann L. Gisolfi (Reg. No. 31956), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.



PENNIE & EDMONDS LLP DOCKET NO. 9175-010

SEND CORRESPONDENCE TO:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, N.Y. 10036-2711DIRECT TELEPHONE CALLS TO:
PENNIE & EDMONDS LLP DOCKETING
(212) 790-9090

201	FULL NAME OF INVENTOR	LAST NAME Norris	FIRST NAME James	MIDDLE NAME S.
	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 1010 Casseque Province	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina
202	FULL NAME OF INVENTOR	LAST NAME Clawson	FIRST NAME Gary	MIDDLE NAME A.
	RESIDENCE & CITIZENSHIP	CITY Bethesda	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 5709 Rockmere Drive	CITY Bethesda	STATE OR COUNTRY Maryland
203	FULL NAME OF INVENTOR	LAST NAME Schmidt	FIRST NAME Michael	MIDDLE NAME G.
	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 1257 Wynnwood Court	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina
204	FULL NAME OF INVENTOR	LAST NAME Hoel	FIRST NAME Brian	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 36 S. Battery	CITY Charleston	STATE OR COUNTRY South Carolina
205	FULL NAME OF INVENTOR	LAST NAME Pan	FIRST NAME Wei-Hua	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Hummelstown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP China
	POST OFFICE ADDRESS	STREET 907 Butler Court	CITY Hummelstown	STATE OR COUNTRY Pennsylvania
206	FULL NAME OF INVENTOR	LAST NAME Dolan	FIRST NAME Joseph	MIDDLE NAME W.
	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 1821 Falling Circle	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina
207	FULL NAME OF INVENTOR	LAST NAME Schofield	FIRST NAME David	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP United Kingdom
	POST OFFICE ADDRESS	STREET 803K Runaway Bay Drive	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina
208	FULL NAME OF INVENTOR	LAST NAME Westwater	FIRST NAME Caroline	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 803K Runaway Bay Drive	CITY Mt. Pleasant	STATE OR COUNTRY South Carolina

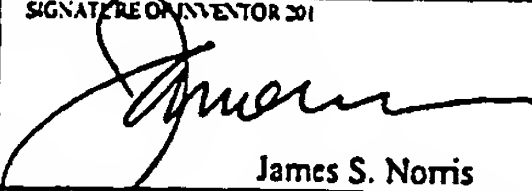
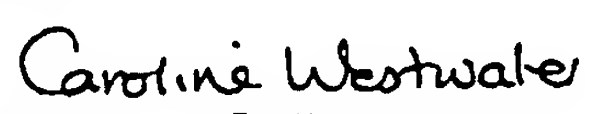
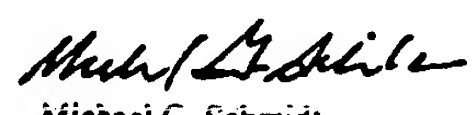
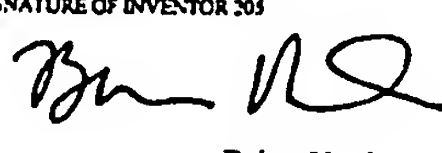

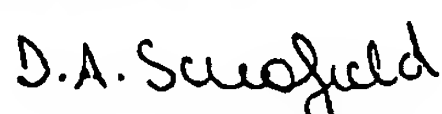

JAN 16 2003

PENNIE MONMONDS LLP DOCKET NO. 9175-010

PATENT & TRADEMARK

209	FULL NAME OF INVENTOR	LAST NAME Huang	FIRST NAME Cancan	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET 1515 Ashley River Road, F49	CITY Charleston	STATE OR COUNTRY South Carolina	ZIP CODE 29407

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201  James S. Norris DATE 1/14/2000	SIGNATURE OF INVENTOR 202 Gary A. Clawson DATE	SIGNATURE OF INVENTOR 203  Caroline Westwater DATE 1/14/2000
SIGNATURE OF INVENTOR 204  Michael G. Schmidt DATE 1/14/2000	SIGNATURE OF INVENTOR 205  Brian Hoel DATE 1/14/00	SIGNATURE OF INVENTOR 206 Wei-Hua Pan DATE
SIGNATURE OF INVENTOR 207  Joseph W. Dolan DATE 1/14/2000	SIGNATURE OF INVENTOR 208  David Schofield DATE 1/14/2000	SIGNATURE OF INVENTOR 209  Cancan Huang DATE 1/14/2000